

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

DRY, COOL WEEK

The majority of the state received less than half an inch of rain during the week and temperatures averaged 9 degrees below normal statewide, according to the Minnesota Agricultural Statistics Service. The dryer weather was favorable for the harvesting of hay. As corn is tasseling and soybeans are blooming over much of their acreage, the cooler temperatures are favorable for successful pollination.

Corn height averaged 70 inches, compared with 63 inches this time last year. The 5-year average is 64 inches. Corn is tasseling on 71% of the acres, versus 65% for last year and the 5-year average of 52%. Corn is entering the milk stage on 4%, the same as both last year and the 5-year average. Corn condition is rated as 79% good to excellent, improving 2 points from the previous week.

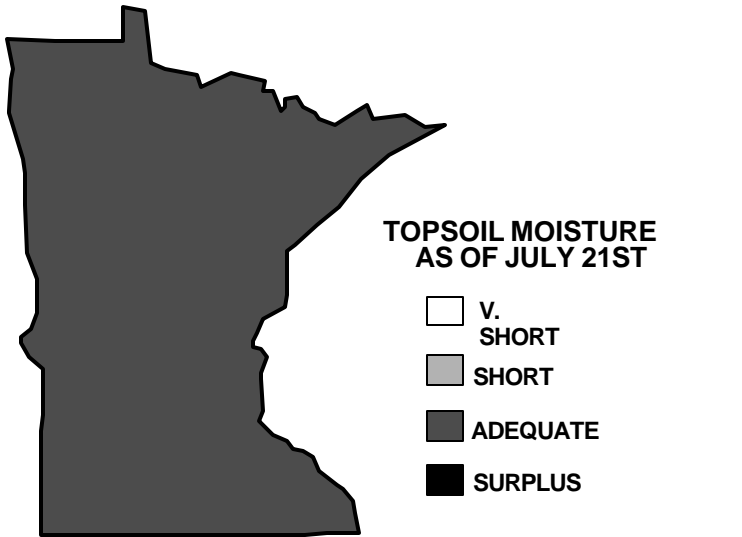
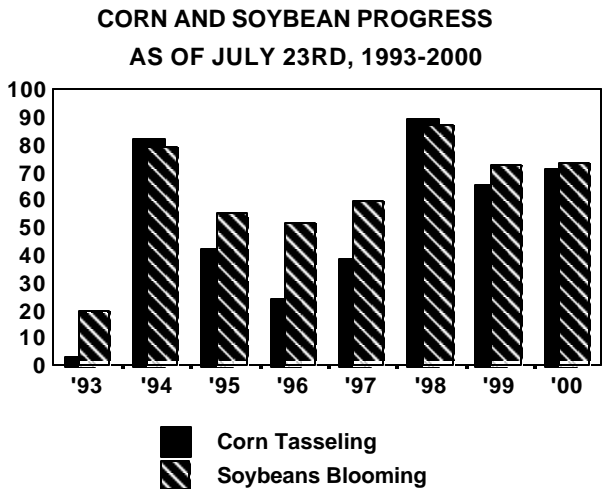
Average soybean height is 23 inches, versus 18 inches a year ago, and the 5-year average of 20. Soybeans are 73% blooming, versus 72% for last year and 65% for the 5-year average. Soybeans are setting pods on 12% of the acres, compared to 13% last year, and 14% for the 5-year average. Patches of chlorosis continues in some fields across the state. Soybean condition is rated as 70% good to excellent, up 6 points from the previous week.

Small grains continue to develop quickly. Spring wheat is 79% turning ripe, versus 40% for the 5-year average. Oats are 78% turning ripe, and barley 81%. An estimated 1% of spring wheat has been combined; 4% of barley, and 16% of oats have been combined. Spring wheat condition is 67% good to excellent.

Topsoil moisture conditions across the state were rated 10% short, 84% adequate, and 6% surplus as of Friday.

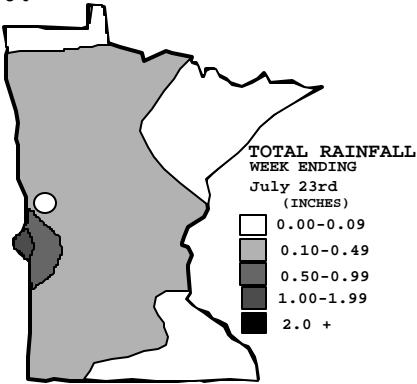
Days Suitable for Fieldwork: 5.4					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		0	10	84	6
Crop Progress as of July 23, 2000					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Height-inches	64	63	63	70
	Tasseling	52	65	29	71
	Milk	4	4	NA	4
Soybeans	Height-inches	20	18	18	23
	Blooming	65	72	55	73
	Setting Pods	14	13	4	12
Spring Wheat	Turning ripe	40	46	30	79
	Harvested	1	1	NA	1
Barley	Turning ripe	37	41	40	81
	Harvested	1	0	NA	4
Oats	Turning ripe	63	70	62	78
	Harvested	5	4	2	16
Winter Wheat	Harvested	6	3	NA	7
Sweet Corn	Harvested	2	1	NA	2
Rye	Harvested	20	12	1	17
Crop Condition as of July 21st in %					
	V.Poor	Poor	Fair	Good	Exc.
Pasture	0	3	23	62	12
Barley	2	7	18	56	17
Spring Wheat	2	7	24	50	17
Oats	0	2	18	63	17
Corn	1	3	17	55	24
Soybeans	2	5	23	52	18
Dry Beans	8	13	36	36	7
Potatoes	2	4	23	48	23
Sunflowers	3	8	23	57	9
Canola	2	5	20	44	29
Sugarbeets	1	4	18	51	26

Height in Inches as of July 21st								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Corn	46	47	71	74	50	69	65	72
Soybean	15	14	21	25	16	23	22	23



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JULY 23,2000:

Temperatures averaged from 11.4 degrees below normal in the West Central District to 7.1 degrees below normal in the Northeast District. Extremes: 42° in Hibbing; 94° in Winona. Precipitation averaged from 0.89 inch below normal in the South Central District to 0.18 inch below normal in the West Central District. Greatest weekly total was 1.42 inches.



Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum to 50 degrees.

Precipitation and Temperature Summary for 07/17/2000 through 07/23/2000

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since Apr 28	Depart from Norm
<u>NW DIST 1</u>										
Crookston	79	46	61.3	-8.9	.20	-.39	.87	1.41	1138	-65
Moorhead	85	45	62.0	-9.7	.18	-.42	-.04	8.92	1203	-73
Warroad	78	45	61.6	-6.2	0	-.72	-1.18	1.89	981	-48
<u>NC DIST 2</u>										
Grand Rapids	83	47	62.0	-5.7	.04	-.82	-2.30	-.95	1096	50
Intl. Falls	81	44	59.2	-8.0	.36	-.42	-.29	.30	932	-79
Itasca	79	45	59.0	-9.0	.38	-.34	-1.69	-.35	1017	-38
<u>NE DIST 3</u>										
Duluth	78	46	58.9	-7.9	.01	-.79	.23	.07	849	-60
Grand Marais	71	44	55.8	-6.4	0	-.72	-1.38	-2.67	441	-197
Hibbing	80	42	59.2	-6.9	.04	-.80	-.81	.14	970	33
<u>WC DIST 4</u>										
Alexandria	79	47	59.9	-12.1	.41	-.23	-1.61	-3.52	1138	-150
Browns Valley	78	45	60.4	-12.3	1.42	.80	4.61	1.87	1272	-56
Canby	79	48	62.5	-11.9	.29	-.53	1.46	3.84	1399	-47
Fergus Falls	75	46	60.5	-10.7	.09	-.62	-.01	.50	1241	-5
Montevideo	78	47	62.0	-10.9	.17	-.47	.24	.50	1357	-36
Morris	79	46	60.8	-10.5	.73	-.01	1.42	1.38	1278	-4
<u>CENT DIST 5</u>										
Becker	84	51	64.0	-6.7	.48	-.35	.31	-2.14	1326	91
Hutchinson	87	49	65.2	-7.7	.11	-.62	2.60	2.35	1487	101
Olivia	80m	56m	68.0m	-5.4m	0m	-.74m	1.01m	1.26m	1278m	-158m
St. Cloud	81	47	60.5	-10.1	.34	-.30	-1.25	-3.74	1213	-13
Staples	77	43	59.5	-9.8	.16	-.62	.35	.82	1109	-36
Willmar	80	52	63.0	-9.2	.16	-.56	1.42	-.91	1310	-47
<u>EC DIST 6</u>										
Aitkin	78	43	60.9	-7.8	.18	-.73	-1.60	.18	1044	-58
Cambridge	78	47	59.8	-10.9	.27	-.55	1.68	1.06	1111	-131
MSP Airport	81	52	64.9	-9.2	.23	-.54	1.77	2.72	1411	-27
St. Paul - UofM	84	51	66.2	-8.1	.34	-.51	2.31	1.40	1472	-31
<u>SW DIST 7</u>										
Lamberton	79	49	62.2	-10.4	.21	-.62	1.61	2.58	1387	-31
Pipestone	81	44	61.6	-10.4	.32	-.43	-1.12	2.21	1351	33
Redwood Falls	80	50	62.4	-11.8	.19	-.74	1.01	2.33	1435	-70
Worthington	83	47	61.8	-10.2	.18	-.55	.34	.74	1368	19
<u>SC DIST 8</u>										
Faribault	84	50	63.1	-9.1	.04	-.93	1.30	6.04	1310	-45
Waseca	82	48	63.3	-8.2	.13	-.82	2.62	7.79	1416	65
Winnebago	82	50	63.2	-9.2	0	-.93	2.61	7.46	1405	19
<u>SE DIST 9</u>										
Preston	85	46	63.0	-7.7	0	-.92	-.86	8.44	1348	83
Red Wing	86	52	64.2	-6.3	.08	-.89	.52	2.10	1357	140
Rochester	76	49	61.2	-10.1	.04	-.92	2.39	13.15	1274	-31
Rosemount	85	50	63.5	-9.3	.06	-.83	5.39	4.81	1375	-29
Winona	94	53	65.2	-8.0	.05	-.86	-1.26	3.27	1462	70

m=some data missing

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